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(54) Title: THIXOTROPIC FORMULATIONS FOR FILLING CAPSULES

(54) Titre: FORMULATIONS THIXOTROPES POUR LE REMPLISSAGE DE GELULES

(57) Abstract

The invention concerns liquid or pasty thixotropic compositions containing an active substance for filling capsules at room temperature. The compositions become fluid by the effect of shearing when they pass through the filling nozzle, then recover their consistency with sufficient intensity and rapidity to prevent, after filling, any leak between the two capsule parts. Said compositions are characterised in that their rheological properties are specially adapted for filling and for optimal thixotropic recovery of consistency. They are preferably in the form of dispersions supporting amphiphilic excipients. Said compositions enable the formulation of active liquid, pasty and even solid substances.

(57) Abrégé

La présente invention concerne des compositions thixotropes liquides ou pâteuses contenant une substance active destinées au remplissage de gélules à température ambiante. Les compositions se fluidifient sous l'effet du cisaillement lors du passage de la buse de remplissage, puis se restructurent du foyer suffisamment intense et rapide pour éviter, après le remplissage, toute fuite entre les deux parties de la gélule. Les compositions de l'invention sont caractérisées par leurs propriétés rhéologiques spécialement adaptées pour un remplissage et une reprise de thixotropie optimum. Elles sont de préférence sous la forme de dispersions soutenant des excipients amphiphiles. Ces compositions permettent la formulation de substances actives liquides, pâteuses et même solides.

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